

ABSTRACT OF THE DISCLOSURE

Composite material comprising a particulate inorganic filler material and a fibrous polymeric material, wherein the fibrous polymeric material comprises molecularly oriented polymeric fibers and a recrystallized melt phase of the same polymer as the fibers. The recrystallized melt phase consists of from 5% to 50% by weight of the polymeric material and has a melting point less than that of the molecularly oriented fiber. The recrystallized melt phase joins areas of adjacent fibers to form a network or continuous three-dimensional matrix which binds the fibers and filler together.